



# SOIL BORING LOG

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Date 4/11/13

ROUTE IL 9/94 DESCRIPTION IL 9/94 over Branch of Camp Cr. LOGGED BY M. Tappan

SECTION (115) B-1 LOCATION SW 1/4, SEC. 18, TWP. 7N, RNG. 6W, 4 PM

COUNTY Hancock DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. PR\_034-2528  
Station 633+00

BORING NO. 1 NW WW  
Station 632+75  
Offset 13.0ft LT  
Ground Surface Elev. 601.8 ft

DEPTH (ft)	SOIL TYPE	UCS (tsf)	Failure Mode	DEPTH (ft)	SOIL TYPE	UCS (tsf)	Failure Mode
0	Gray and Brown Moist SILTY CLAY (Till) (Fill)			0	Olive Brown and Gray Moist SILTY CLAY (TILL) (continued)		
1		1.2	22	2		1.7	17
2		P		3		B	
				579.30			
0	Light Olive Gray Moist CLAY LOAM (Till)			1			
2		1.4	21	3		3.3	15
2		B		6		B	
-5				-25			
0				2			
2		1.2	18	5		4.1	15
2		B		7		B	
				573.80			
0	Light Brownish Gray Moist SILTY CLAY LOAM. Slightly Organic. Woody Organics.			1			
2		.50	23	2		.80	36
1		B		3		B	
592.30				571.80			
-10	Black Moist SILTY CLAY. With Small Gastropod Shells. Slight Organic Odor.			-30	Light Olive Gray Moist CLAY LOAM (Till)		
0				1			
1		.50	35	2			
2		B					
589.30							
0	Very Dark Gray Very Moist SILTY CLAY LOAM. Slight Organic Odor.			0			
1		.40	22	4		4.5	14
2		B		7		B	
588.80				-35			
-15	Gray Wet LOAM to SAND LOAM						
0							
1		.30	20				
1		B					
583.30				2	Gray Moist CLAY LOAM (Till)		
0				4		2.0	18
1	Gray Medium Clean SAND Washed			4		P	
582.30				4			
-20				-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated) Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

File Name: S:\SOILSIGINT\FILES\034 HANCOCK\034-2528 IL 94 OVER BRANCH CAMP CREEK.GPJ Date Printed 3/19/14 Latitude 40.35598N Longitude 91.07670W Datum NAD83 Job Number D-96-016-12



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0	Light Olive Gray Moist CLAY LOAM (Till) (continued)			0			
1				2			
2				3			
559.80							
0	Gray Very Moist SILTY CLAY (Till). With Some Woody Organics.			1			
1		.80	25	2		B	
2		B					
-45							
0				1			
2		1.0		2			
4		E					
551.80							
-50	Gray Well Indurated Macrocrystalline LIMESTONE. Interbedded With Gray Clayey SHALE. Drilled Hard at 50 Feet.						
100							
3"							
548.80							
Auger Refusal at 52.5 Feet. Adjusted Sample Interval at 52.5 Feet. Boring Completed							
-55							
-60							

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